

Application for Waiver from Construction Standards for Public Water Systems

Revised March 2025

Water System Name: Neskowin Regional Water District PWS ID: OR41 00970
Project or Facility: D3, D4, D5 Water Line Impv. S Beach Rd County: Tillamook
Need for waiver identified: ☐ Water System Survey Date of Survey:
☐ Plan Review #

Construction standard requested to be waived: OAR 333-061-0050 (9)(B)

As provided under OAR 333-061-0055, OHA may grant waivers from the construction standards prescribed by these rules:

- (a) When it is demonstrated to the satisfaction of OHA that strict compliance with the rule would be highly burdensome or impractical due to special conditions or causes; and
- (b) When the public or private interest in the granting of the waiver is found by OHA to clearly outweigh the interest of the application of uniform rules; and
- (c) When alternate measures are provided which, in the opinion of OHA, will provide adequate protection to the health and safety of the public including the ability to produce water which does not exceed the maximum contaminant levels listed in rule 333-061-0030.

Describe situation that conflicts with the standard. The proposed new 10" HDPE water main parallels an existing PVC shallow sewer main. The water main was designed to have 10 ft of horizontal separation with the sewer main in all areas. However, South Beach Road, between S Bch Ct, and Nescove Dr has several curves. In these areas, the existing sewer main crosses from one side of the road, to the other, and back again. The sewer main averages between 4-4.5 ft of cover. The original design called for crossing this sewer main in three different locations. However, the contractor has opted to bore the water main in lieu of trenching. Doing so allows the District to install the water main on the western shoulder of the road and eliminate two of the sewer crossings. However, the contractor is only able to get 7 ft of horizontal separation between the water and sewer main. Due to the shallow sewer, the new water main will not have 18" of vertical separation between the water and sewer mains.

Describe why meeting the standard is highly burdensome or impractical. Due to the geometry of the road and the presence of the shallow sewer, the Contractor is not able to maintain 18" vertical separation between the water main and the sewer main. The only options are to reduce horizontal separation to 7 ft, or to cross the sewer main twice. These crossings would have between 0 and 6 inches of vertical separation between the water and sewer mains.

Describe proposed alternate measure that provide adequate protection to public health and safety. HBH Consulting Engineers and the Neskowin Regional Water District are requesting a waiver to reduce the 10 ft horizontal separation in areas with less than 18" vertical separation to 5 ft of horizontal separation. It is our belief that maintaining as much horizontal separation as possible is lower in risk to the water system than crossing the existing sewer main twice and provides better protection of the water system than if we construct two new shallow sewer crossings per OAR 333-061-0050(9)(c). To further mitigate against contamination, the pipe being installed is constructed of welded HDPE pipe. The use of HDPE pipe removes joints from the water main, providing further insulation of the water system in the event of a sewer failure.

EMAIL this form along with plans of proposed waiver request and additional supporting information to your regulator or dws.planreview@odhsoha.oregon.gov. If you are unable to send your documents electronically, please contact OHA before mailing them.

*Signature: Matthew Del Moro, PE	Date: 10/20/2025
----------------------------------	------------------

**Your typed name will serve as signature.*

Name: Matt Del Moro, PE

Address: 501 E First St

City/State/Zip: Newberg, OR 97215

Phone Number: 503-554-9553

Email Address: mdlmoro@hbh-consulting.com

☐ Comments:

☒ Attachments (describe): Engineering Plans

OHA Use Only

Waiver ID: 562-2025

Entered into waiver database ☒

☒ Plan Review Coordinator's notes: Use of continuously welded piping is an acceptable mitigation to the zone 4 conflict.

After due consideration the above requested waiver from the construction standards of OAR 333-061-0050 is hereby:

☒ Approved Comments:

☐ Denied

800 NE Oregon St., Ste 640, Portland, OR 97232-2162

Voice: 971-673-0405 | Fax: 503-673-0694

All relay calls accepted | www.healthoregon.org/dws

Kari Salis

10/21/2025

Technical Services Unit or Regional Manager
OHA Drinking Water Services

Date

Waiver database updated ☒

